

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-22. (Canceled)

23. (Original) A myocardial revascularization and denervation method, comprising the steps of:

positioning an electrode on the epicardial surface of a ventricle; and
transmitting energy from the electrode, through the epicardial surface and into the ventricular wall to create a lesion within the ventricular wall.

24. (Original) A method as claimed in claim 23, wherein the electrode includes an electrode main portion and an electrode needle portion and the step of positioning an electrode on the epicardial surface comprises positioning the electrode main portion on the epicardial surface of the ventricle and piercing the epicardial surface with the electrode needle portion such that the electrode needle portion is located within the ventricular wall.

25. (Original) A method as claimed in claim 24, wherein the step of transmitting energy from the electrode comprises transmitting energy from the electrode main portion and the electrode needle portion.

26. (Original) A method as claimed in claim 23, wherein the step of positioning an electrode on the epicardial surface of a ventricle comprises the step of introducing the electrode thoracoscopically.

27. (Original) A method as claimed in claim 23, wherein the step of positioning an electrode on the epicardial surface of a ventricle comprises positioning a plurality of electrodes on the epicardial surface of the ventricle.

28. (Original) A method as claimed in claim 23, wherein the step of positioning an electrode on the epicardial surface of a ventricle comprises positioning an electrode shaped such that the lesion produced thereby will define a first region relatively close to the epicardial surface with a relatively large cross-sectional area and a second region relatively far from the epicardial surface with a relatively small cross-sectional area.

29. (Original) A myocardial revascularization and denervation method for use on a wall of the heart defining an epicardial surface and an endocardial surface, the method comprising the steps of:

- positioning a first lesion creation device on the epicardial surface;
- positioning a second lesion creation device within the heart wall; and
- forming a lesion with the first and second lesion creation devices.

30. (Original) A method as claimed in claim 29, wherein the step of positioning a first lesion creation device on the epicardial surface comprises positioning an electrode on the epicardial surface.

31. (Original) A method as claimed in claim 29, wherein the step of positioning a second lesion creation device within the heart wall comprises positioning an electrode within the heart wall.

32. (Original) A method as claimed in claim 29, wherein the step of forming a lesion with the first and second lesion creation devices comprises forming a first lesion portion having a first cross-sectional area and a second lesion portion having a second cross-sectional area less than the first cross-sectional area.

33. (Original) A method as claimed in claim 32, wherein the step of forming a first lesion portion comprises forming a first lesion portion that extends inwardly from the epicardial surface towards the endocardial surface and the step of forming a second lesion portion comprises forming a second lesion portion that extends inwardly from the first lesion portion.

34. (Original) A method as claimed in claim 32, wherein the step of forming a lesion with the first and second lesion creation devices comprises forming a lesion which, when viewed in a cross-section taken in a plane perpendicular to the epicardial surface, includes a first area that defines a border having a relatively smooth slope, a second area that defines a border having a relatively smooth slope, and a abrupt change in slope therebetween.